

Table 6-1. Summary of Class I Area Trend¹ Analysis

Parameter	Number of Sites With Significant ² Upward (<i>Deteriorating</i>) Trends		Number of Sites With Significant ² Downward (<i>Improving</i>) Trends	
	West	East	West	East
³ Deciviews, worst 20%	4	0	1	2
³ Deciviews, middle 20%	0	0	6	2
³ Deciviews, best 20%	0	0	9	1
Light extinction due to sulfate, worst 20%	4	0	4	2
Light extinction due to sulfate, middle 20%	1	1	6	4
Light extinction due to sulfate, best 20%	0	1	14	0
Light extinction due to organic carbon, worst 20%	2	0	1	0
Light extinction due to organic carbon, middle 20%	0	0	3	0
Light extinction due to organic carbon, best 20%	2	0	5	0

¹Based on a total of 36 monitored sites with at least 10 years of data in the West and eight years of data in the East: 26 sites in the West, 10 sites in the East.

²Statistically significant at the 5-percent level.

³For deciview trends changes in nitrate concentrations were not considered in the trend analysis. A constant value based on mean 1997–1999 extinction associated with nitrates was substituted for all years.